

**§ 111.21 Definitions (Rule 21).**

(a) *Masthead light* means a white light placed over the fore and aft centerline of the vessel showing an unbroken light over an arc of the horizon of 225 degrees and so fixed as to show the light from right ahead to 22.5 degrees abaft the beam on either side of the vessel.

(b) *Sidelights* means a green light on the starboard side and a red light on the port side each showing an unbroken light over an arc of the horizon of 112.5 degrees and so fixed as to show the light from right ahead to 22.5 degrees abaft the beam on its respective side. In a vessel of less than 20 meters in length the sidelights may be combined in one lantern carried on the fore and aft centerline of the vessel.

(c) *Sternlight* means a white light placed as nearly as practicable at the stern showing an unbroken light over an arc of the horizon of 135 degrees and so fixed as to show the light 67.5 degrees from right aft on each side of the vessel.

(d) *Towing light* means a yellow light having the same characteristics as the *sternlight* defined in paragraph (c) of this section.

(e) *All-round light* means a light showing an unbroken light over an arc of the horizon of 360 degrees.

(f) *Flashing light* means a light flashing at regular intervals at a frequency of 120 flashes or more per minute.

**§ 111.22 Visibility of lights (Rule 22).**

The lights prescribed in this part shall have an intensity as specified in section 8 of Annex I to 72 COLREGS so as to be visible at the following minimum ranges:

(a) In vessels of 50 meters or more in length:

- (1) A masthead light, 6 miles;
- (2) A sidelight, 3 miles;
- (3) A sternlight, 3 miles;
- (4) A towing light, 3 miles;
- (5) A white, red, green or yellow all-round light, 3 miles.

(b) In vessels of 12 meters or more in length but less than 50 meters in length:

- (1) A masthead light, 5 miles; except that where the length of the vessel is less than 20 meters, 3 miles;
- (2) A sidelight, 2 miles.

- (3) A sternlight, 2 miles;
- (4) A towing light, 2 miles;
- (5) A white, red, green or yellow all-round light, 2 miles.

(c) In vessels of less than 12 meters in length:

- (1) A masthead light, 2 miles;
- (2) A sidelight, 1 mile;
- (3) A sternlight, 2 miles;
- (4) A towing light, 2 miles;
- (5) A white, red, green or yellow all-round light, 2 miles.

(d) In inconspicuous, partly submerged vessels or objects being towed:

- (1) A white all-round light, 3 miles.

**§ 111.23 Power-driven vessels under way (Rule 23).**

(a) A power-driven vessel under way shall exhibit:

- (1) A masthead light forward;
- (2) A second masthead light abaft of and higher than the forward one; except that a vessel of less than 50 meters in length shall not be obliged to exhibit such light but may do so;
- (3) Sidelights; and
- (4) A sternlight.

(b) An air-cushion vessel when operating in the non-displacement mode shall, in addition to the lights prescribed in paragraph (a) of this section, exhibit an all-round flashing yellow light.

(c)(1) A power-driven vessel of less than 12 meters in length may in lieu of the lights prescribed in paragraph (a) of this section exhibit an all-round white light and sidelights;

(2) A power-driven vessel of less than 7 meters in length and whose maximum speed does not exceed 7 knots may, in lieu of the lights prescribed in paragraph (a) of this section, exhibit an all-round white light, and shall, if practicable, also exhibit sidelights;

(3) The masthead light or all-round white light on a power-driven vessel of less than 12 meters in length may be displaced from the fore and aft centerline of the vessel if centerline fitting is not practicable, provided that the sidelights are combined in one lantern which shall be carried on the fore and aft centerline of the vessel or located as nearly as practicable in the same fore and aft line as the masthead light or the all-round white light.